

EX PARTE OR LATE FILED

**Ameritech**

May 4, 1994

**Anthony M. Alessi**  
Director  
Federal Relations

DOCKET FILE COPY ORIGINAL

Mr. William F. Caton  
Acting Secretary  
Federal Communications Commission  
1919 M Street, NW  
Room 222  
Washington, DC 20554

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MAY - 4 1994

RE: Ex Parte Statement  
Docket No. 93-162

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

Dear Mr. Caton:

The attached material requested by Mr. Gregory J. Vogt, Chief, Tariff Division, and staff is being submitted in the above referenced docket.

Sincerely,



Attachments

cc: G. Vogt  
C. Needy

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April 6, 1994

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MAY - 4 1994

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

Mr. Gregory J. Vogt  
Chief, Tariff Division  
Federal Communications Commission  
1919 M Street, NW  
Room 518  
Washington, DC 20554

Re: Docket No. 93-162, Expanded Interconnection

Dear Mr. Vogt:

Enclosed is a paper copy of Ameritech's response to a request made by your staff for updates to Appendix C from the June 9, 1993 Order in the above referenced docket. As requested, the data being submitted reflects the current Expanded Interconnection rate structure, the associated rates, and the direct costs underlying those rates.

In addition, Ameritech is also submitting an update to Appendix G filed on August 20, 1993 as part of Ameritech's direct case in the same docket. This submission reflects rates filed February 16, 1993 adjusted for the latest Rate Adjustment Factors (RAF), compared to the currently effective Expanded Interconnection rates.

Additionally, the above material is being submitted on diskettes to Mr. Chuck Needy of your staff.

Sincerely,

A handwritten signature in cursive script that reads "John Litchfield".

John Litchfield  
Director - Costs

cc: C. Needy  
Attachments

**AMERITECH 3/31/84 DATA REQUEST RESPONSE**

| <u><b>RATE ELEMENTS</b></u>                     | <u><b>OVERHEAD<br/>FACTORS</b></u> | <u><b>RATE</b></u> | <u><b>DIRECT<br/>COST</b></u> |
|---|------------------------------------|--------------------|-------------------------------|
| <b>PHYSICAL INTERCONNECTION</b>                 |                                    |                    |                               |
| <u><b>RECURRING RATES</b></u>                   |                                    |                    |                               |
| ELECTRICAL CROSS-CONNECT OPTINET DS1            | 1.58                               | \$8.89             | \$4.37                        |
| ELECTRICAL CROSS-CONNECT OPTINET DS3            | 1.58                               | \$1.01             | \$0.64                        |
| C.O. FLOOR SPACE RENTAL PER 100 SQ. FT.         | 1.48                               | \$381.77           | \$257.95                      |
| RISER SPACE PER FT.                             | 1.58                               | \$1.88             | \$1.19                        |
| CONDUIT PER INNERDUCT FT.                       | 1.50                               | \$0.08             | \$0.04                        |
| 48 VOLT D.C. POWER                              | 1.58                               | \$7.99             | \$5.06                        |
| TERMINATION PANEL DS1 PER TERMINATION           | 1.58                               | \$0.75             | \$0.48                        |
| TERMINATION PANEL DS3 PER TERMINATION           | 1.58                               | \$9.65             | \$6.11                        |
| TERMINATION PANEL OC3 AND OC 12 PER TERMINATION | 1.58                               | \$2.39             | \$1.51                        |
| DS1 CABLING FIRST FOOT                          | 1.58                               | \$0.69             | 0.4370                        |
| DS1 CABLING ADDITIONAL FEET                     | 4.00                               | \$0.01             | 0.0025                        |
| DS3 CABLING FIRST FOOT                          | 1.58                               | \$9.52             | 6.0300                        |
| DS3 CABLING ADDITIONAL FEET                     | 1.54                               | \$0.05             | 0.0325                        |
| OC3 & OC 12 CABLING FIRST FOOT                  | 1.59                               | \$2.79             | 1.7600                        |
| OC3 & OC 12 CABLING ADDITIONAL FEET             | 1.57                               | \$0.66             | 0.4200                        |
| DS1 REPEATER                                    | 1.58                               | 7.88               | 4.99                          |
| DS3 REPEATER                                    | 1.58                               | 45.72              | 28.94                         |

**AMERITECH 3/31/04 DATA REQUEST RESPONSE**

**NONRECURRING RATES - PHYSICAL INTERCONNECTION(V/P INDICATES BOTH PHYSICAL & VIRTUAL)**

|  | <b><u>OVERHEAD<br/>FACTORS</u></b> | <b><u>RATE</u></b> | <b><u>DIRECT<br/>COST</u></b> |
|--|------------------------------------|--------------------|-------------------------------|
| V/P ORDER CHARGE                                   | 1.58                               | \$531.16           | \$338.18                      |
| CENTRAL OFFICE BUILDOUT                            | 1.51                               | \$43,814.50        | \$28,966.04                   |
| V/P CABLE VAULT SPLICING - INITIAL                 | 1.58                               | \$193.19           | \$122.27                      |
| V/P CABLE VAULT SPLICING - SUBSEQUENT              | 1.58                               | \$15.06            | \$9.53                        |
| V/P SPLICING TESTING - INITIAL                     | 1.58                               | \$44.21            | \$27.98                       |
| V/P SPLICING TESTING - SUBSEQUENT                  | 1.58                               | \$2.61             | \$1.65                        |
| V/P CABLE PULLING MANHOLE TO VAULT FIRST FT.       | 1.58                               | \$209.08           | \$132.33                      |
| V/P CABLE PULLING MANHOLE TO VAULT ADDITIONAL FEET | 1.58                               | \$1.04             | \$0.66                        |
| CABLE PULLING VAULT TO NODE FIRST FOOT             | 1.58                               | \$78.08            | \$49.42                       |
| CABLE PULLING VAULT TO NODE ADDITIONAL FEET        | 1.57                               | \$0.77             | \$0.49                        |
| ABILITY TO CONNECT EQUIPMENT BAY                   | 1.58                               | \$16,549.13        | \$10,474.13                   |
| TRANSMISSION NODE PER EQPT. BAY                    | 1.58                               | \$5,747.93         | \$3,637.93                    |

**AMERITECH 3/31/84 DATA REQUEST RESPONSE**

| <b>VIRTUAL INTERCONNECTION</b>         | <b>OVERHEAD<br/>FACTORS</b> | <b>RATE</b> | <b>DIRECT<br/>COST</b> |
|--|-----------------------------|-------------|------------------------|
| <b><u>NONRECURRING RATES</u></b>       |                             |             |                        |
| EQUIPMENT BAY PER 7' BAY               | 1.58                        | \$737.28    | \$456.63               |
| OLTM QDM 1000 90MBPS                   | 1.58                        | \$9,301.29  | \$5,896.69             |
| PER DS3 MULDEM                         | 1.58                        | \$162.98    | \$103.14               |
| PER DS1 MULDEM                         | 1.58                        | \$1,653.82  | \$1,046.72             |
| PER DDM 1000 180MBPS                   | 1.58                        | \$11,095.98 | \$7,592.39             |
| PER DS3 MULDEM                         | 1.58                        | \$162.98    | \$103.14               |
| PER DS1 MULDEM                         | 1.58                        | \$1,653.82  | \$1,046.72             |
| OLTM CHANNEL PLUG-INS DS3U1 CKT PACK   | 1.58                        | \$1,797.55  | \$1,137.69             |
| OLTM CHANNEL PLUG-INS DS3U2 CKT PACK   | 1.58                        | \$1,797.55  | \$1,137.69             |
| DS3 TO DS1 MULTIPLEXER PLUG-IN (AKM2C) | 1.58                        | \$344.00    | \$217.72               |
| DS1 CHANNEL PLUG-IN                    | 1.58                        | \$1,653.82  | \$1,046.72             |

**AMERITECH 3/31/84 DATA REQUEST RESPONSE**

**RATE ELEMENTS**

**VIRTUAL INTERCONNECTION**

| <b><u>RECURRING RATES</u></b>               | <b><u>OVERHEAD FACTORS</u></b> | <b><u>RATE</u></b> | <b><u>DIRECT COST</u></b> |
|---|--------------------------------|--------------------|---------------------------|
| DIGITAL CROSS CONNECT PANEL DS1             | 1.58                           | \$83.20            | \$40.00                   |
| DIGITAL CROSS CONNECT PANEL DS3             | 1.58                           | \$20.18            | \$12.77                   |
| CONDUIT PER INNERDUCT FT.                   | 1.50                           | \$0.08             | \$0.04                    |
| RISER SPACE PER FT.                         | 1.59                           | \$0.43             | \$0.27                    |
| RISER FACILITY PER FIBER TERMINATION        | 1.58                           | \$2.01             | \$1.27                    |
| 7' EQUIPMENT BAY W/AT&T DDM 1000 FUSE PANEL | 1.45                           | \$73.17            | \$50.55                   |
| AT&T DDM 1000 90Mbps                        | 1.58                           | \$447.80           | \$283.29                  |
| 90 Mbps CKT PACK TELEMETRY (AKM4)           | 1.54                           | \$16.05            | \$10.44                   |
| DS3 MULDEM (AKM3)                           | 1.43                           | \$8.04             | \$5.62                    |
| CKT PACK DS1 INTERFACE (AEK388)             | 1.58                           | \$24.08            | \$15.28                   |
| AT&T DDM 1000 180 Mbps                      | 1.58                           | \$848.14           | \$408.95                  |
| 180 MBS CKT PACK TELEMETY (AKM4)            | 1.58                           | \$31.78            | \$20.10                   |
| DS3 MULDEM (AKM3)                           | 1.43                           | \$8.04             | \$5.62                    |
| PER MULDEM CONFIG - DS1 INTRFC CAP (AEK388) | 1.58                           | \$24.08            | \$15.28                   |
| DS3 CHANNEL PLUG-IN DS3U1 CKT PKG (AKM5)    | 1.58                           | \$108.15           | \$68.45                   |
| DS3 CHANNEL PLUG-IN DS3U2 CKT PKG (AKM6)    | 1.58                           | \$108.15           | \$68.45                   |
| DS3 TO DS1 MULTIPLEXER PLUG-IN (AKM2)       | 1.58                           | \$108.15           | \$68.45                   |
| DS1 CHANNEL PLUG-INS                        | 1.58                           | \$24.08            | \$15.28                   |

**AMERITECH 3/31/84 DATA REQUEST RESPONSE**

|                                      | <u>OVERHEAD<br/>FACTORS</u> | <u>RATE</u> | <u>DIRECT<br/>COST</u> |
|--------------------------------------|-----------------------------|-------------|------------------------|
| TEST EQUIPMENT                       | 1.58                        | \$45.79     | \$28.90                |
| PER AT&T DDM 1000 STORAGE SHELF      | 1.58                        | \$35.79     | \$28.90                |
| POWER UNIT 48V                       | 1.58                        | \$22.89     | \$14.49                |
| CIRCUIT PACK PROCESSOR               | 1.58                        | \$38.18     | \$24.15                |
| CIRCUIT PACK DS3/1 MXR               | 1.58                        | \$106.86    | \$67.63                |
| CIRCUIT PACK DS3/1 ELIU              | 1.58                        | \$7.83      | \$4.83                 |
| CIRCUIT PACK TELEMETRY               | 1.58                        | \$15.28     | \$9.66                 |
| CIRCUIT PACK DS3U2                   | 1.58                        | \$53.42     | \$33.81                |
| CIRCUIT PACK BP1 INTERFACE           | 1.58                        | \$22.83     | \$14.49                |
| OPTICAL LINE INTERFACE UNIT 180 MBPS | 1.58                        | \$183.17    | \$115.93               |
| OPTICAL LINE INTERFACE UNIT 90 MBPS  | 1.58                        | \$152.63    | \$96.80                |
| DS3U1 CIRCUIT PACK                   | 1.58                        | \$53.42     | \$33.81                |
| BP1 BYPASS CIRCUIT                   | 1.57                        | \$0.66      | \$0.42                 |

**TELEPORT PRICING MODEL - Cost of Providing 100 DS1s - 2/16 Rates w/ Latest RAF vs. Current Rates**

|   | Rate Filed<br>2/16/93 | 11/12/93<br>RAF | RAFed<br>Rate | No. Req'd per<br>100 DS1s | RAFed Total<br>Charges | Current<br>Rate | Current Total<br>Charges |
|---|-----------------------|-----------------|---------------|---------------------------|------------------------|-----------------|--------------------------|
| <b>Nonrecurring Charges</b>                                     |                       |                 |               |                           |                        |                 |                          |
| Order Charge  | 531.16                | 1.0000          | 531.16        | 1                         | 531.16                 | 531.16          | 531.16                   |
| Central Office Buildout   | 46,900.55             | 0.9342          | 43,814.49     | 1                         | 43,814.49              | 43,814.50       | 43,814.50                |
| Splicing Per Fiber  |                       |                 |               |                           |                        |                 |                          |
| Initial Fiber   | 193.19                | 1.0000          | 193.19        | 1                         | 193.19                 | 193.19          | 193.19                   |
| Subsequent Fibers   | 15.06                 | 1.0000          | 15.06         | 23                        | 346.38                 | 15.06           | 346.38                   |
| Splice Testing  |                       |                 |               |                           |                        |                 |                          |
| Initial Fiber   | 44.21                 | 1.0000          | 44.21         | 1                         | 44.21                  | 44.21           | 44.21                    |
| Subsequent Fibers   | 2.61                  | 1.0000          | 2.61          | 23                        | 60.03                  | 2.61            | 60.03                    |
| Cable Placement - MH to VIL                                     |                       |                 |               |                           |                        |                 |                          |
| First Foot  | 209.08                | 1.0000          | 209.08        | 1                         | 209.08                 | 209.08          | 209.08                   |
| Per Additional Foot   | 1.04                  | 1.0000          | 1.04          | 369                       | 383.76                 | 1.04            | 383.76                   |
| Cable Placement - VIL to Node                                   |                       |                 |               |                           |                        |                 |                          |
| First Foot  | 78.08                 | 1.0000          | 78.08         | 1                         | 78.08                  | 78.08           | 78.08                    |
| Per Additional Foot   | 0.77                  | 1.0000          | 0.77          | 361                       | 277.97                 | 0.77            | 277.97                   |
| <b>Total Nonrecurring Charges</b>                               |                       |                 |               |                           | <b>45,938.35</b>       |                 | <b>45,938.36</b>         |
| <b>Equivalent Monthly Payment Over 5 Years @ 11.25 Interest</b> |                       |                 |               |                           | <b>1,004.55</b>        |                 | <b>1,004.55</b>          |
| <b>Recurring Charges</b>  |                       |                 |               |                           |                        |                 |                          |
| CO Floor Space/Sq. Ft.  | 8.20                  | 0.9330          | 7.65          | 100                       | 764.90                 | 3.82            | 381.77                   |
| Riser Space/Ft.   | 1.88                  | 1.0000          | 1.88          | 362                       | 680.56                 | 1.88            | 680.56                   |
| Entr. Conduit (per Innerduct Ft.)                               | 0.06                  | 1.0000          | 0.06          | 370                       | 22.20                  | 0.06            | 22.20                    |
| 48 Volt DC Power(per Fuse Amp)                                  | 7.99                  | 1.0000          | 7.99          | 15                        | 119.85                 | 7.99            | 119.85                   |
| Term. Panel Cabling - First Ft.                                 | 0.00                  | 1.0000          | 0.00          | 1                         | 0.00                   | 0.69            | 0.69                     |
| Term. Panel Cabling - Addl. Ft.                                 | 0.00                  | 1.0000          | 0.00          | 361                       | 0.00                   | 0.01            | 3.61                     |
| Termination-Panel - per DS1                                     | 3.17                  | 1.0000          | 3.17          | 100                       | 317.06                 | 0.76            | 76.00                    |
| Electrical Cross Connection DS1                                 | 13.97                 | 1.0000          | 13.97         | 100                       | 1,397.00               | 6.89            | 689.00                   |
| <b>Total Recurring</b>  |                       |                 |               |                           | <b>3,301.57</b>        |                 | <b>1,973.80</b>          |
| <b>Total Monthly Cost</b>                                       |                       |                 |               |                           | <b>4,306.12</b>        |                 | <b>2,978.23</b>          |
| <b>Mo. Cost per DS1</b>   |                       |                 |               |                           | <b>43.06</b>           |                 | <b>29.78</b>             |





**Bonnie M. Hermerding**  
Director-Federal Regulatory

**March 23, 1994**

**Mr. Gregory J. Vogt  
Chief, Tariff Division  
Federal Communications Commission  
1919 M Street, NW  
Room 518  
Washington, D.C. 20554**

**Re: Docket No. 93-162, Expanded Interconnection**

**Dear Mr. Vogt:**

**Attached, please find Ameritech's response to your March 11, 1994 data request.**

**As requested, the data hereby submitted reflect one Channel Termination, Channel Mileage, and two Channel Mileage Terminations for DS1 and DS3 services, showing each available volume and term discount package. In addition, data are also shown for specialized arrangements, which provide large bandwidth systems not available under general tariffs.**

**The attached data, along with data Ameritech has previously submitted relative to interconnection service, demonstrate that the margins on DS1 and DS3 services are of the same order of magnitude as the loading applied to interconnection service. However, such comparisons are not meaningful in evaluating whether interconnection rates are reasonable. Rates for competitive services such as DS1 and DS3 are set based on a variety of market factors, not the least of which is the price of competitive alternatives. The reasonableness of such rates is appropriately judged by compliance with the price cap rules. An evaluation of margins is not relevant.**

**Rates for interconnection service, on the other hand, are not subject to price cap regulation, nor are they subject to significant competition. Thus, an evaluation of those rates based on cost, including an allocation of indirect (or overhead) cost is more reasonable. The Ameritech interconnection rates include a uniform loading equal to the average percentage difference between total cost and direct cost across all special access services. Use of this average factor should remove any**

question as to whether the rates are reasonable, without the need to reference any other cost or rate.

The last studies done by Ameritech for DS1 and DS3 services were performed for the 1990 annual filing. Unfortunately, Ameritech has been unable to recover the detailed historical information which provides the breakdown of costs into Depreciation, Cost of Capital, income tax, maintenance expense, and other taxes that underlie these DS1 and DS3 studies conducted between 1988 and 1990. Therefore, the cost data cannot be broken down into those sub-component categories as requested.

Sincerely,

A handwritten signature in cursive script that reads "Donna Hermerding".

Donna M. Hermerding  
Director, Federal Regulatory

Attachments  
cc: C. Needy

**NOTES ON DEVELOPMENT OF DATA SUBMITTED ON  
DS1 AND DS3 RATES, COSTS, AND OVERHEAD FACTORS**

The attached data are submitted in response to FCC data request 1800C1 dated March 11, 1994. Specifically requested was information on rates, costs, and overhead factors on a service-by-service basis for all DS1 and DS3 services offered, as well as any specialized services. The requested configuration included one Channel Termination, Channel Mileage and two Channel Mileage Terminations for a typical circuit of each type of service.

Based on 1993 annual filing data, the average interoffice mileage is 12.55 miles for all interoffice DS1 circuits, and 9.17 miles for all interoffice DS3 circuits. The average mileage was calculated separately for DS1 and DS3 by dividing the total miles by the number of interoffice circuits (one half of the Channel Mileage Terminations) for DS1 and DS3 services.

DS3 Channel Termination figures reflect a composite of 1 DS3 worth of a DS3 Service Package (e.g., 1/12 of a DS3 12-Pack) and 1 DS3 Service Channel.

For the specialized services, monthly costs and rates were developed only for the end-to-end service. Therefore, the cost, rate, and overhead information cannot be provided in terms of Channel Terminations, Channel Mileage and Channel Mileage Terminations.

The methodology used to develop Ameritech's interconnection costs is the same as that used for DS1 and DS3 studies. Specifically, directly assigned unit investments were developed for each rate element, based on material prices for specific components and associated installation labor. Those directly assigned unit investments were then translated into directly assigned unit annual costs by applying annual cost factors. For interconnection elements, this annual cost factor includes capital costs, maintenance, and taxes.

## AMERITECH 3/23/94 DATA REQUEST RESPONSE

1

|                               | MONTHLY<br>RATE<br>(PER DS3)<br>(A) | MONTHLY<br>COST<br>(PER DS3)<br>(B) | MARGIN<br>(A/B)-1 |
|-------------------------------|-------------------------------------|-------------------------------------|-------------------|
| <b>AMERITECH ILLINOIS</b>     |                                     |                                     |                   |
| <b>DS3 ELECTRICAL 1 PACK</b>  |                                     |                                     |                   |
| MONTHLY                       | \$4,468.80                          | \$3,626.00                          | 23.24%            |
| 12 MO OPTIONAL PAYMENT PLAN   | \$4,430.65                          | \$3,626.00                          | 22.19%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$3,683.73                          | \$2,581.53                          | 42.70%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,982.31                          | \$2,377.43                          | 25.44%            |
| <b>DS3 ELECTRICAL 2 PACK</b>  |                                     |                                     |                   |
| MONTHLY                       | \$3,593.80                          | \$2,477.82                          | 45.04%            |
| 12 MO OPTIONAL PAYMENT PLAN   | \$3,555.65                          | \$2,477.82                          | 43.50%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$3,033.73                          | \$1,885.81                          | 60.87%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,557.31                          | \$1,769.59                          | 44.51%            |
| <b>DS3 ELECTRICAL 3 PACK</b>  |                                     |                                     |                   |
| MONTHLY                       | \$3,352.14                          | \$2,338.98                          | 43.32%            |
| 12 MO OPTIONAL PAYMENT PLAN   | \$3,313.99                          | \$2,338.98                          | 41.69%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$2,883.73                          | \$1,724.42                          | 67.23%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,515.65                          | \$1,579.42                          | 59.28%            |
| <b>DS3 ELECTRICAL 6 PACK</b>  |                                     |                                     |                   |
| MONTHLY                       | \$3,185.47                          | \$1,989.10                          | 60.15%            |
| 12 MO OPTIONAL PAYMENT PLAN   | \$3,147.32                          | \$1,989.10                          | 58.23%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$2,633.73                          | \$1,593.03                          | 65.33%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,232.31                          | \$1,515.29                          | 47.32%            |
| <b>DS3 ELECTRICAL 12 PACK</b> |                                     |                                     |                   |
| MONTHLY                       | \$2,877.14                          | \$1,848.67                          | 55.63%            |
| 12 MO OPTIONAL PAYMENT PLAN   | \$2,838.99                          | \$1,754.24                          | 61.84%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$2,400.39                          | \$1,466.78                          | 63.65%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$1,690.65                          | \$1,317.01                          | 28.37%            |
| <b>DS3 ELECTRICAL 24 PACK</b> |                                     |                                     |                   |
| MONTHLY                       | \$2,647.97                          | \$1,596.35                          | 65.88%            |
| 12 MO OPTIONAL PAYMENT PLAN   | \$2,609.82                          | \$1,596.35                          | 63.49%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$2,221.23                          | \$1,308.48                          | 69.76%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$1,994.81                          | \$1,249.96                          | 59.59%            |
| <b>DS3 OPTICAL 12 PACK</b>    |                                     |                                     |                   |
| MONTHLY                       | \$2,610.47                          | \$1,130.07                          | 131.00%           |
| 12 MO OPTIONAL PAYMENT PLAN   | \$2,272.32                          | \$1,098.68                          | 106.82%           |
| 36 MO OPTIONAL PAYMENT PLAN   | \$1,792.06                          | \$1,096.29                          | 63.47%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$1,536.48                          | \$1,095.88                          | 40.20%            |
| <b>DS3 OPTICAL 24 PACK</b>    |                                     |                                     |                   |
| MONTHLY                       | \$2,443.80                          | \$1,110.58                          | 120.05%           |
| 12 MO OPTIONAL PAYMENT PLAN   | \$2,105.65                          | \$1,079.19                          | 95.11%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$1,683.73                          | \$1,077.32                          | 56.29%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$1,490.65                          | \$1,076.94                          | 38.42%            |

## AMERITECH 3/23/94 DATA REQUEST RESPONSE

2

|                               | MONTHLY<br>RATE<br>(PER DS3)<br>(A) | MONTHLY<br>COST<br>(PER DS3)<br>(B) | MARGIN<br>(A/B)-1 |
|-------------------------------|-------------------------------------|-------------------------------------|-------------------|
| <b>AMERITECH INDIANA</b>      |                                     |                                     |                   |
| <b>DS3 ELECTRICAL 1 PACK</b>  |                                     |                                     |                   |
| MONTHLY                       | \$4,988.24                          | \$4,366.06                          | 14.25%            |
| 12 MO OPTIONAL PAYMENT PLAN   | \$4,876.87                          | \$4,392.99                          | 11.01%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$4,373.59                          | \$2,832.06                          | 54.43%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$3,463.88                          | \$2,443.06                          | 41.78%            |
| <b>DS3 ELECTRICAL 2 PACK</b>  |                                     |                                     |                   |
| MONTHLY                       | \$4,038.24                          | \$2,852.06                          | 41.59%            |
| 12 MO OPTIONAL PAYMENT PLAN   | \$3,926.87                          | \$2,878.99                          | 36.40%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$3,423.59                          | \$2,030.56                          | 68.60%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,913.88                          | \$1,816.56                          | 60.41%            |
| <b>DS3 ELECTRICAL 3 PACK</b>  |                                     |                                     |                   |
| MONTHLY                       | \$3,871.58                          | \$2,347.39                          | 64.93%            |
| 12 MO OPTIONAL PAYMENT PLAN   | \$3,760.21                          | \$2,374.32                          | 58.37%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$3,273.59                          | \$1,763.39                          | 85.64%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,847.21                          | \$1,607.73                          | 77.10%            |
| <b>DS3 ELECTRICAL 6 PACK</b>  |                                     |                                     |                   |
| MONTHLY                       | \$3,838.24                          | \$2,247.39                          | 70.79%            |
| 12 MO OPTIONAL PAYMENT PLAN   | \$3,726.87                          | \$2,247.39                          | 65.83%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$3,290.26                          | \$1,701.39                          | 93.39%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,763.88                          | \$1,558.73                          | 77.32%            |
| <b>DS3 ELECTRICAL 12 PACK</b> |                                     |                                     |                   |
| MONTHLY                       | \$3,396.58                          | \$1,946.56                          | 74.49%            |
| 12 MO OPTIONAL PAYMENT PLAN   | \$3,285.21                          | \$1,946.56                          | 68.77%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$2,915.26                          | \$1,586.48                          | 83.76%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,555.54                          | \$1,468.98                          | 73.97%            |
| <b>DS3 ELECTRICAL 24 PACK</b> |                                     |                                     |                   |
| MONTHLY                       | \$3,167.41                          | \$1,642.17                          | 92.88%            |
| 12 MO OPTIONAL PAYMENT PLAN   | \$3,056.04                          | \$1,642.17                          | 86.10%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$2,611.09                          | \$1,344.91                          | 94.15%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,326.38                          | \$1,284.00                          | 81.18%            |
| <b>DS3 OPTICAL 12 PACK</b>    |                                     |                                     |                   |
| MONTHLY                       | \$3,129.91                          | \$1,163.11                          | 169.10%           |
| 12 MO OPTIONAL PAYMENT PLAN   | \$2,718.54                          | \$1,128.81                          | 140.83%           |
| 36 MO OPTIONAL PAYMENT PLAN   | \$2,190.26                          | \$1,121.39                          | 95.32%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$1,947.21                          | \$1,119.85                          | 73.88%            |
| <b>DS3 OPTICAL 24 PACK</b>    |                                     |                                     |                   |
| MONTHLY                       | \$2,963.24                          | \$1,148.84                          | 157.93%           |
| 12 MO OPTIONAL PAYMENT PLAN   | \$2,551.87                          | \$1,114.54                          | 128.96%           |
| 36 MO OPTIONAL PAYMENT PLAN   | \$2,073.59                          | \$1,112.67                          | 86.36%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$1,822.21                          | \$1,112.28                          | 63.83%            |

## AMERITECH 3/23/94 DATA REQUEST RESPONSE

3

|                               | MONTHLY<br>RATE<br>(PER DS3)<br>(A) | MONTHLY<br>COST<br>(PER DS3)<br>(B) | MARGIN<br>(A/B)-1 |
|-------------------------------|-------------------------------------|-------------------------------------|-------------------|
| <b>AMERITECH MICHIGAN</b>     |                                     |                                     |                   |
| <b>DS3 ELECTRICAL 1 PACK</b>  |                                     |                                     |                   |
| MONTHLY                       | \$4,278.27                          | \$3,666.33                          | 16.69%            |
| 12 MO OPTIONAL PAYMENT PLAN   | \$4,049.80                          | \$3,666.33                          | 10.46%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$3,159.67                          | \$2,614.46                          | 20.85%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,527.37                          | \$2,436.41                          | 3.73%             |
| <b>DS3 ELECTRICAL 2 PACK</b>  |                                     |                                     |                   |
| MONTHLY                       | \$3,478.27                          | \$2,518.76                          | 38.09%            |
| 12 MO OPTIONAL PAYMENT PLAN   | \$3,249.80                          | \$2,518.76                          | 29.02%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$2,759.67                          | \$1,934.73                          | 42.64%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,277.37                          | \$1,835.28                          | 24.09%            |
| <b>DS3 ELECTRICAL 3 PACK</b>  |                                     |                                     |                   |
| MONTHLY                       | \$3,378.27                          | \$2,136.24                          | 58.14%            |
| 12 MO OPTIONAL PAYMENT PLAN   | \$3,149.80                          | \$2,136.24                          | 47.45%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$2,726.33                          | \$1,708.16                          | 59.61%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,285.70                          | \$1,634.90                          | 39.81%            |
| <b>DS3 ELECTRICAL 6 PACK</b>  |                                     |                                     |                   |
| MONTHLY                       | \$3,211.61                          | \$2,029.45                          | 58.25%            |
| 12 MO OPTIONAL PAYMENT PLAN   | \$2,983.13                          | \$2,029.45                          | 46.99%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$2,543.00                          | \$1,639.22                          | 55.13%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,144.87                          | \$1,572.64                          | 36.39%            |
| <b>DS3 ELECTRICAL 12 PACK</b> |                                     |                                     |                   |
| MONTHLY                       | \$2,936.61                          | \$2,158.56                          | 36.04%            |
| 12 MO OPTIONAL PAYMENT PLAN   | \$2,708.13                          | \$2,158.56                          | 25.46%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$2,343.00                          | \$1,719.37                          | 36.27%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,019.03                          | \$1,640.48                          | 23.08%            |
| <b>DS3 ELECTRICAL 24 PACK</b> |                                     |                                     |                   |
| MONTHLY                       | \$2,707.44                          | \$1,660.10                          | 63.09%            |
| 12 MO OPTIONAL PAYMENT PLAN   | \$2,478.96                          | \$1,660.10                          | 49.33%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$2,097.17                          | \$1,365.19                          | 53.62%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$1,864.87                          | \$1,305.13                          | 42.89%            |
| <b>DS3 OPTICAL 12 PACK</b>    |                                     |                                     |                   |
| MONTHLY                       | \$2,669.94                          | \$1,180.70                          | 126.13%           |
| 12 MO OPTIONAL PAYMENT PLAN   | \$2,141.46                          | \$1,146.40                          | 86.80%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$1,668.00                          | \$1,143.63                          | 45.85%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$1,402.37                          | \$1,143.23                          | 22.67%            |
| <b>DS3 OPTICAL 24 PACK</b>    |                                     |                                     |                   |
| MONTHLY                       | \$2,503.27                          | \$1,170.70                          | 113.83%           |
| 12 MO OPTIONAL PAYMENT PLAN   | \$1,974.80                          | \$1,136.40                          | 73.78%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$1,551.33                          | \$1,135.68                          | 36.60%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$1,319.03                          | \$1,135.57                          | 16.16%            |

## AMERITECH 3/23/94 DATA REQUEST RESPONSE

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|                               | MONTHLY<br>RATE<br>(PER DS3)<br>(A) | MONTHLY<br>COST<br>(PER DS3)<br>(B) | MARGIN<br>(A/B)-1 |
|-------------------------------|-------------------------------------|-------------------------------------|-------------------|
| <b>AMERITECH OHIO</b>         |                                     |                                     |                   |
| <b>DS3 ELECTRICAL 1 PACK</b>  |                                     |                                     |                   |
| MONTHLY                       | \$4,310.30                          | \$2,194.76                          | 96.39%            |
| 12 MO OPTIONAL PAYMENT PLAN   | \$4,249.28                          | \$2,194.76                          | 93.61%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$3,629.48                          | \$2,166.33                          | 67.54%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,918.91                          | \$2,054.00                          | 42.11%            |
| <b>DS3 ELECTRICAL 2 PACK</b>  |                                     |                                     |                   |
| MONTHLY                       | \$3,560.30                          | \$1,669.11                          | 113.31%           |
| 12 MO OPTIONAL PAYMENT PLAN   | \$3,499.28                          | \$1,669.11                          | 109.65%           |
| 36 MO OPTIONAL PAYMENT PLAN   | \$2,979.48                          | \$1,642.95                          | 81.35%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,493.91                          | \$1,575.99                          | 58.24%            |
| <b>DS3 ELECTRICAL 3 PACK</b>  |                                     |                                     |                   |
| MONTHLY                       | \$3,376.97                          | \$1,493.89                          | 126.05%           |
| 12 MO OPTIONAL PAYMENT PLAN   | \$3,315.95                          | \$1,493.89                          | 121.97%           |
| 36 MO OPTIONAL PAYMENT PLAN   | \$2,829.48                          | \$1,468.49                          | 92.68%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,385.58                          | \$1,416.66                          | 68.39%            |
| <b>DS3 ELECTRICAL 6 PACK</b>  |                                     |                                     |                   |
| MONTHLY                       | \$3,393.64                          | \$1,443.09                          | 135.16%           |
| 12 MO OPTIONAL PAYMENT PLAN   | \$3,332.62                          | \$1,443.09                          | 130.94%           |
| 36 MO OPTIONAL PAYMENT PLAN   | \$2,762.81                          | \$1,419.78                          | 94.59%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,343.08                          | \$1,373.55                          | 70.59%            |
| <b>DS3 ELECTRICAL 12 PACK</b> |                                     |                                     |                   |
| MONTHLY                       | \$2,968.64                          | \$1,411.89                          | 110.26%           |
| 12 MO OPTIONAL PAYMENT PLAN   | \$2,907.62                          | \$1,411.89                          | 105.94%           |
| 36 MO OPTIONAL PAYMENT PLAN   | \$2,521.14                          | \$1,374.88                          | 83.37%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,185.58                          | \$1,324.85                          | 64.97%            |
| <b>DS3 ELECTRICAL 24 PACK</b> |                                     |                                     |                   |
| MONTHLY                       | \$2,739.47                          | \$1,630.61                          | 68.00%            |
| 12 MO OPTIONAL PAYMENT PLAN   | \$2,678.45                          | \$1,630.61                          | 64.26%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$2,266.98                          | \$1,303.16                          | 73.96%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,031.41                          | \$1,235.63                          | 64.40%            |
| <b>DS3 OPTICAL 12 PACK</b>    |                                     |                                     |                   |
| MONTHLY                       | \$2,701.97                          | \$1,088.54                          | 148.22%           |
| 12 MO OPTIONAL PAYMENT PLAN   | \$2,340.95                          | \$1,049.59                          | 123.03%           |
| 36 MO OPTIONAL PAYMENT PLAN   | \$1,837.81                          | \$1,049.72                          | 75.08%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$1,610.58                          | \$1,049.73                          | 53.43%            |
| <b>DS3 OPTICAL 24 PACK</b>    |                                     |                                     |                   |
| MONTHLY                       | \$2,535.30                          | \$1,082.07                          | 134.30%           |
| 12 MO OPTIONAL PAYMENT PLAN   | \$2,174.28                          | \$1,043.12                          | 108.44%           |
| 36 MO OPTIONAL PAYMENT PLAN   | \$1,721.14                          | \$1,043.15                          | 64.99%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$1,506.41                          | \$1,043.16                          | 44.41%            |

|                               | MONTHLY<br>RATE<br>(PER DS3)<br>(A) | MONTHLY<br>COST<br>(PER DS3)<br>(B) | MARGIN<br>(A/B)-1 |
|-------------------------------|-------------------------------------|-------------------------------------|-------------------|
| <b>AMERITECH WISCONSIN</b>    |                                     |                                     |                   |
| <b>DS3 ELECTRICAL 1 PACK</b>  |                                     |                                     |                   |
| MONTHLY                       | \$4,738.24                          | \$2,746.76                          | 72.50%            |
| 12 MO OPTIONAL PAYMENT PLAN   | \$4,626.87                          | \$2,746.76                          | 68.45%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$4,073.59                          | \$2,195.30                          | 85.56%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$3,329.37                          | \$2,056.81                          | 61.87%            |
| <b>DS3 ELECTRICAL 2 PACK</b>  |                                     |                                     |                   |
| MONTHLY                       | \$3,938.24                          | \$1,916.63                          | 105.48%           |
| 12 MO OPTIONAL PAYMENT PLAN   | \$3,976.87                          | \$1,916.63                          | 107.49%           |
| 36 MO OPTIONAL PAYMENT PLAN   | \$3,523.59                          | \$1,632.14                          | 115.89%           |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,929.37                          | \$1,556.81                          | 88.17%            |
| <b>DS3 ELECTRICAL 3 PACK</b>  |                                     |                                     |                   |
| MONTHLY                       | \$3,938.24                          | \$1,639.92                          | 140.15%           |
| 12 MO OPTIONAL PAYMENT PLAN   | \$3,826.87                          | \$1,639.92                          | 133.36%           |
| 36 MO OPTIONAL PAYMENT PLAN   | \$3,306.93                          | \$1,444.42                          | 128.95%           |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,796.03                          | \$1,390.14                          | 101.13%           |
| <b>DS3 ELECTRICAL 6 PACK</b>  |                                     |                                     |                   |
| MONTHLY                       | \$3,663.24                          | \$1,583.33                          | 131.36%           |
| 12 MO OPTIONAL PAYMENT PLAN   | \$3,551.87                          | \$1,583.33                          | 124.33%           |
| 36 MO OPTIONAL PAYMENT PLAN   | \$3,090.26                          | \$1,393.96                          | 121.69%           |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,637.70                          | \$1,343.94                          | 96.27%            |
| <b>DS3 ELECTRICAL 12 PACK</b> |                                     |                                     |                   |
| MONTHLY                       | \$2,996.58                          | \$1,317.70                          | 127.41%           |
| 12 MO OPTIONAL PAYMENT PLAN   | \$2,885.21                          | \$1,317.70                          | 118.96%           |
| 36 MO OPTIONAL PAYMENT PLAN   | \$2,465.26                          | \$1,243.55                          | 98.24%            |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,087.70                          | \$1,214.40                          | 71.91%            |
| <b>DS3 ELECTRICAL 24 PACK</b> |                                     |                                     |                   |
| MONTHLY                       | \$3,167.41                          | \$1,536.25                          | 106.18%           |
| 12 MO OPTIONAL PAYMENT PLAN   | \$3,056.04                          | \$1,536.25                          | 98.93%            |
| 36 MO OPTIONAL PAYMENT PLAN   | \$2,611.09                          | \$1,233.67                          | 111.85%           |
| 60 MO OPTIONAL PAYMENT PLAN   | \$2,341.87                          | \$1,170.20                          | 100.13%           |
| <b>DS3 OPTICAL 12 PACK</b>    |                                     |                                     |                   |
| MONTHLY                       | \$3,129.91                          | \$1,039.87                          | 200.99%           |
| 12 MO OPTIONAL PAYMENT PLAN   | \$2,718.54                          | \$1,005.53                          | 170.36%           |
| 36 MO OPTIONAL PAYMENT PLAN   | \$2,181.93                          | \$1,003.51                          | 117.43%           |
| 60 MO OPTIONAL PAYMENT PLAN   | \$1,929.37                          | \$1,003.26                          | 92.31%            |
| <b>DS3 OPTICAL 24 PACK</b>    |                                     |                                     |                   |
| MONTHLY                       | \$2,863.24                          | \$1,032.62                          | 186.96%           |
| 12 MO OPTIONAL PAYMENT PLAN   | \$2,551.87                          | \$998.28                            | 155.63%           |
| 36 MO OPTIONAL PAYMENT PLAN   | \$2,065.26                          | \$997.76                            | 106.99%           |
| 60 MO OPTIONAL PAYMENT PLAN   | \$1,825.20                          | \$997.71                            | 82.94%            |



# AMERITECH 3/23/94 DATA REQUEST RESPONSE

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|                             | MONTHLY<br>RATE<br>(A) | MONTHLY<br>COST<br>(B) | MARGIN<br>(A/B)-1 |
|-----------------------------|------------------------|------------------------|-------------------|
| DS1 SERVICE                 |                        |                        |                   |
| MONTHLY                     | \$541.67               | \$293.66               | 84.45%            |
| 12 MO OPTIONAL PAYMENT PLAN | \$391.44               | \$293.66               | 33.30%            |
| 36 MO OPTIONAL PAYMENT PLAN | \$431.80               | \$293.66               | 47.04%            |
| 60 MO OPTIONAL PAYMENT PLAN | \$383.68               | \$293.66               | 30.65%            |
| 36 MO DISCOUNT COMMITMENT   | \$487.46               | \$293.66               | 65.99%            |
| 60 MO DISCOUNT COMMITMENT   | \$460.48               | \$293.66               | 56.80%            |

## 405 Mbps SPECIALIZED ARRANGEMENT

|              |             |             |         |
|--------------|-------------|-------------|---------|
| TOLEDO, OHIO | \$20,544.00 | \$3,810.42  | 439.15% |
| CHICAGO,IL   | \$32,576.00 | \$18,917.00 | 72.20%  |



April 26, 1994

Mr. Gregory J. Vogt  
Chief, Tariff Division  
Common Carrier Bureau  
Federal Communications Commission  
1919 M Street, N.W.  
Washington, D.C. 20554

Re: Data Requests for Special Access  
Expanded Interconnection Filings;  
Transmittal of Additional Information:  
Ref. 1600C1

Dear Mr. Vogt:

On July 23, 1993, the Common Carrier Bureau released an order requiring Ameritech to provide the Bureau Tariff Review Plan (TRP) data and price-out information on their rates for expanded interconnection service (EIS)<sup>1</sup>.

On April 15, 1994, the Bureau sent a letter to Donna Hermerding requested additional information. Specifically, you asked to be supplied with the following information: (1) revise and modify the "EIS Overhead Analysis Table", (2) provide updated TRP function chart data, (3) provide updated price out information based on the TRP function charts,


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<sup>1</sup>See Expanded Interconnection Designation Order, DA 93-951

and (4) show that the updated TRP function charts are consistent with the corresponding price outs.

Pursuant to your request, Ameritech submits the information appended hereto as Attachments 1 and 2. Also a diskette containing Lotus 123.wk3 format files is enclosed.

Very truly yours,

  
John C. Litchfield  
Director Costs

cc: C. Needy

Attachments

# AMERITECH 4/26/94 DATA REQUEST RESPONSE

## DATA REQUEST, SPECIAL ACCESS EXPANDED INTERCONNECTION FILINGS

| (1)<br><b>RATE ELEMENTS</b>                     | (2)<br>Transm.<br>Number | (3)<br>Rate | (4)<br>Total Unit<br>Cost<br>2/16 Filing | (5)<br>Direct Unit<br>Cost<br>2/16 Filing | (6) = (4/5)<br>Overhead<br>Factor<br>2/16 Filing | (7)<br>Revised<br>Unit<br>Cost | (8)<br>Revised<br>Direct<br>Cost | (9) = (7/8)<br>Revised<br>Overhead<br>Factor |
|---|--------------------------|-------------|--|---|--|--------------------------------|----------------------------------|--|
| ELECTRICAL CROSS-CONNECT OPTINET DS1            | 755                      | \$6.89      | \$13.97                                  | \$8.84                                    | 1.58   | \$6.89                         | \$4.37                           | 1.58   |
| ELECTRICAL CROSS-CONNECT OPTINET DS3            | 755                      | \$1.01      | \$57.99                                  | \$36.70                                   | 1.58   | \$1.01                         | \$0.64                           | 1.58   |
| OPTICAL CROSS-CONNECT OC-3 & OC12               | 755                      | \$6.27      | N/A                                      | N/A                                       | N/A  | \$6.27                         | \$3.97                           | 1.58   |
| C.O. FLOOR SPACE RENTAL PER 100 SQ. FT. **      | 755                      | \$381.77    | \$819.83                                 | \$518.88                                  | 1.58   | \$407.56                       | \$257.95                         | 1.58   |
| RISER SPACE PER FT.                             | 697                      | \$1.88      | \$1.88                                   | \$1.19                                    | 1.58   | N/A                            | N/A                              | N/A  |
| CONDUIT PER INNERDUCT FT.                       | 697                      | \$0.06      | \$0.06                                   | \$0.04                                    | 1.50   | N/A                            | N/A                              | N/A  |
| 48 VOLT D.C. POWER                              | 697                      | \$7.99      | \$7.99                                   | \$5.06                                    | 1.58   | N/A                            | N/A                              | N/A  |
| TERMINATION PANEL DS1 PER TERMINATION           | 730                      | \$0.76      | \$317.06                                 | \$200.67                                  | 1.58   | \$0.76                         | \$0.48                           | 1.58   |
| TERMINATION PANEL DS3 PER TERMINATION           | 730                      | \$9.65      | \$680.66                                 | \$430.88                                  | 1.58   | \$9.65                         | \$6.11                           | 1.58   |
| TERMINATION PANEL OC3 AND OC 12 PER TERMINATION | 755                      | \$2.39      | N/A                                      | N/A                                       | N/A  | \$2.39                         | \$1.51                           | 1.58   |
| DS1 CABLING FIRST FOOT                          | 755                      | \$0.69      | N/A                                      | N/A                                       | N/A  | \$0.69                         | \$0.44                           | 1.58   |
| DS1 CABLING ADDITIONAL FEET                     | 755                      | \$0.01      | N/A                                      | N/A                                       | N/A  | 0.0039                         | 0.0025                           | 1.56   |

# AMERITECH 4/26/94 DATA REQUEST RESPONSE

## DATA REQUEST , SPECIAL ACCESS EXPANDED INTERCONNECTION FILINGS

| (1)<br><b>RATE ELEMENTS</b>               | (2)<br>Transm.<br>Number | (3)<br>Rate | (4)<br>Total Unit<br>Cost<br>2/16 Filing | (5)<br>Direct Unit<br>Cost<br>2/16 Filing | (6) = (4/5)<br>Overhead<br>Factor<br>2/16 Filing | (7)<br>Revised<br>Unit<br>Cost | (8)<br>Revised<br>Direct<br>Cost | (9) = (7/8)<br>Revised<br>Overhead<br>Factor |
|---|--------------------------|-------------|--|---|--|--------------------------------|----------------------------------|--|
| DS3 CABLING FIRST FOOT                    | 755                      | \$9.52      | N/A                                      | N/A                                       | N/A  | \$9.52                         | \$6.03                           | 1.58   |
| DS3 CABLING ADDITIONAL FEET               | 755                      | \$0.05      | N/A                                      | N/A                                       | N/A  | \$0.05                         | \$0.03                           | 1.58   |
| OC3 & OC 12 CABLING FIRST FOOT            | 755                      | \$2.79      | N/A                                      | N/A                                       | N/A  | \$2.79                         | \$1.76                           | 1.59   |
| OC3 & OC 12 CABLING ADDITIONAL FEET       | 755                      | \$0.66      | N/A                                      | N/A                                       | N/A  | \$0.66                         | \$0.42                           | 1.57   |
| DS1 REPEATER                              | 755                      | \$7.88      | N/A                                      | N/A                                       | N/A  | \$7.88                         | \$4.99                           | 1.58   |
| DS3 REPEATER                              | 730                      | \$45.72     | N/A                                      | N/A                                       | N/A  | \$45.72                        | \$28.94                          | 1.58   |
| ORDER CHARGE NRC                          | 697                      | \$531.16    | \$531.16                                 | \$336.18                                  | 1.58   | N/A                            | N/A                              | N/A  |
| CENTRAL OFFICE BUILDOUT (PHYSICAL) NRC ** | 752                      | \$43,814.50 | \$46,900.55                              | \$29,683.89                               | 1.58   | \$46,900.23                    | \$29,683.69                      | 1.58   |
| CABLE VAULT SPLICING - INITIAL NRC        | 697                      | \$193.19    | \$193.19                                 | \$122.27                                  | 1.58   | N/A                            | N/A                              | N/A  |
| CABLE VAULT SPLICING - SUBSEQUENT NRC     | 697                      | \$15.06     | \$15.06                                  | \$9.53                                    | 1.58   | N/A                            | N/A                              | N/A  |
| SPLICE TESTING - INITIAL NRC              | 697                      | \$44.21     | \$44.21                                  | \$27.98                                   | 1.58   | N/A                            | N/A                              | N/A  |
| SPLICE TESTING - SUBSEQUENT NRC           | 697                      | \$2.61      | \$2.61                                   | \$1.65                                    | 1.58   | N/A                            | N/A                              | N/A  |

# AMERITECH 4/26/94 DATA REQUEST RESPONSE

## DATA REQUEST , SPECIAL ACCESS EXPANDED INTERCONNECTION FILINGS

| (1)<br><u>RATE ELEMENTS</u>                        | (2)<br>Transm.<br>Number | (3)<br>Rate | (4)<br>Total Unit<br>Cost<br>2/16 Filing | (5)<br>Direct Unit<br>Cost<br>2/16 Filing | (6) = (4/5)<br>Overhead<br>Factor<br>2/16 Filing | (7)<br>Revised<br>Unit<br>Cost | (8)<br>Revised<br>Direct<br>Cost | (9) = (7/8)<br>Revised<br>Overhead<br>Factor |
|--|--------------------------|-------------|--|---|--|--------------------------------|----------------------------------|--|
| CABLE PULLING MANHOLE TO VAULT FIRST FT. NRC       | 697                      | \$209.08    | \$209.08                                 | \$132.33                                  | 1.58   | N/A                            | N/A                              | N/A  |
| CABLE PULLING MANHOLE TO VAULT ADDITIONAL FEET NRC | 697                      | \$1.04      | \$1.04                                   | \$0.66                                    | 1.58   | N/A                            | N/A                              | N/A  |
| CABLE PULLING VAULT TO NODE FIRST FOOT NRC         | 697                      | \$78.08     | \$78.08                                  | \$49.42                                   | 1.58   | N/A                            | N/A                              | N/A  |
| CABLE PULLING VAULT TO NODE ADDITIONAL FEET NRC    | 697                      | \$0.77      | \$0.77                                   | \$0.49                                    | 1.57   | N/A                            | N/A                              | N/A  |
| ABILITY TO CONNECT EQUIPMENT BAY (PHYSICAL) NRC    | 697                      | \$16,549.13 | \$16,549.13                              | \$10,474.13                               | 1.58   | N/A                            | N/A                              | N/A  |
| TRANSMISSION NODE PER EQPT. BAY (PHYSICAL) NRC     | 697                      | \$5,747.93  | \$5,747.93                               | \$3,637.93                                | 1.58   | N/A                            | N/A                              | N/A  |
| DIGITAL CROSS CONNECT PANEL DS1                    | 711                      | \$63.20     | \$40.34                                  | \$25.53                                   | 1.58   | \$63.20                        | \$40.00                          | 1.58   |
| DIGITAL CROSS CONNECT PANEL DS3                    | 730                      | \$20.18     | \$306.00                                 | \$193.67                                  | 1.58   | \$20.18                        | \$12.77                          | 1.58   |
| CONDUIT PER INNERDUCT FT.                          | 697                      | \$0.06      | \$0.06                                   | \$0.04                                    | 1.50   | N/A                            | N/A                              | N/A  |
| RISER SPACE PER FT.                                | 697                      | \$0.43      | \$0.43                                   | \$0.27                                    | 1.59   | N/A                            | N/A                              | N/A  |
| RISER FACILITY PER FIBER TERMINATION               | 697                      | \$2.01      | \$2.01                                   | \$1.27                                    | 1.58   | N/A                            | N/A                              | N/A  |
| 7' EQUIPMENT BAY W/AT&T DDM 1000 FUSE PANEL        | 752                      | \$73.23     | \$79.87                                  | \$50.55                                   | 1.58   | N/A                            | N/A                              | N/A  |

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|---|--------------------------|-------------|--|---|--|--------------------------------|----------------------------------|--|
| AT&T DDM 1000 90Mbps                        | 697                      | \$447.60    | \$447.60                                 | \$283.29                                  | 1.58   | N/A                            | N/A                              | N/A  |
| 90 Mbps CKT PACK TELEMETRY (AKM4)           | 771                      | \$16.05     | \$16.50                                  | \$10.44                                   | 1.58   | N/A                            | N/A                              | N/A  |
| DS3 MULDEM (AKM3)                           | 752                      | \$8.04      | \$8.88                                   | \$5.62                                    | 1.58   | N/A                            | N/A                              | N/A  |
| CKT PACK DS1 INTERFACE (AEK368)             | 752                      | \$24.08     | \$24.14                                  | \$15.28                                   | 1.58   | N/A                            | N/A                              | N/A  |
| AT&T DDM 1000 180 Mbps                      | 697                      | \$646.14    | \$646.14                                 | \$408.95                                  | 1.58   | N/A                            | N/A                              | N/A  |
| 180 MBS CKT PACK TELEMETRY (AKM4)           | 697                      | \$31.76     | \$31.76                                  | \$20.10                                   | 1.58   | N/A                            | N/A                              | N/A  |
| DS3 MULDEM (AKM3)                           | 752                      | \$8.04      | \$8.88                                   | \$5.62                                    | 1.58   | N/A                            | N/A                              | N/A  |
| PER MULDEM CONFIG - DS1 INTRFC CAP (AEK368) | 752                      | \$24.08     | \$24.14                                  | \$15.28                                   | 1.58   | N/A                            | N/A                              | N/A  |
| DS3 CHANNEL PLUG-IN DS3U1 CKT PKG (AKM5)    | 697                      | \$108.15    | \$108.15                                 | \$68.45                                   | 1.58   | N/A                            | N/A                              | N/A  |
| DS3 CHANNEL PLUG-IN DS3U2 CKT PKG (AKM6)    | 697                      | \$108.15    | \$108.15                                 | \$68.45                                   | 1.58   | N/A                            | N/A                              | N/A  |
| DS3 TO DS1 MULTIPLEXER PLUG-IN (AKM2)       | 697                      | \$108.15    | \$108.15                                 | \$68.45                                   | 1.58   | N/A                            | N/A                              | N/A  |
| DS1 CHANNEL PLUG-INS                        | 752                      | \$24.08     | \$24.14                                  | \$15.28                                   | 1.58   | N/A                            | N/A                              | N/A  |

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|--------------------------------------|--------------------------|-------------|--|---|--|--------------------------------|----------------------------------|--|
| TEST EQUIPMENT                       | 697                      | \$45.79     | \$45.79                                  | \$28.98                                   | 1.58   | N/A                            | N/A                              | N/A  |
| PER AT&TDDM 1000 STORAGE SHELF       | 697                      | \$45.79     | \$45.79                                  | \$28.98                                   | 1.58   | N/A                            | N/A                              | N/A  |
| POWER UNIT 48V                       | 697                      | \$22.89     | \$22.89                                  | \$14.49                                   | 1.58   | N/A                            | N/A                              | N/A  |
| CIRCUIT PACK PROCESSOR               | 697                      | \$38.16     | \$38.16                                  | \$24.15                                   | 1.58   | N/A                            | N/A                              | N/A  |
| CIRCUIT PACK DS3/1 MXR               | 697                      | \$106.86    | \$106.86                                 | \$67.63                                   | 1.58   | N/A                            | N/A                              | N/A  |
| CIRCUIT PACK DS3/1 ELIU              | 697                      | \$7.63      | \$7.63                                   | \$4.83                                    | 1.58   | N/A                            | N/A                              | N/A  |
| CIRCUIT PACK TELEMETRY               | 697                      | \$15.26     | \$15.26                                  | \$9.66                                    | 1.58   | N/A                            | N/A                              | N/A  |
| CIRCUIT PACK DS3U2                   | 697                      | \$53.42     | \$53.42                                  | \$33.81                                   | 1.58   | N/A                            | N/A                              | N/A  |
| CIRCUIT PACK BP1 INTERFACE           | 752                      | \$22.83     | \$22.89                                  | \$14.49                                   | 1.58   | N/A                            | N/A                              | N/A  |
| OPTICAL LINE INTERFACE UNIT 180 MBPS | 697                      | \$183.17    | \$183.17                                 | \$115.93                                  | 1.58   | N/A                            | N/A                              | N/A  |
| OPTICAL LINE INTERFACE UNIT 90 MBPS  | 697                      | \$152.63    | \$152.63                                 | \$96.60                                   | 1.58   | N/A                            | N/A                              | N/A  |
| DS3U1 CIRCUIT PACK                   | 697                      | \$53.42     | \$53.42                                  | \$33.81                                   | 1.58   | N/A                            | N/A                              | N/A  |



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|--------------------------------------|--------------------------|-------------|--|---|--|--------------------------------|----------------------------------|--|
| BP1 BYPASS CIRCUIT                   | 697                      | \$0.66      | \$0.66                                   | \$0.42                                    | 1.57   | N/A                            | N/A                              | N/A  |
| ORDER COSTS                          | 697                      | \$181.70    | \$181.70                                 | \$115.00                                  | 1.58   | N/A                            | N/A                              | N/A  |
| EQUIPMENT BAY PER 7' BAY             | 697                      | \$737.28    | \$737.28                                 | \$466.63                                  | 1.58   | N/A                            | N/A                              | N/A  |
| OLTM DDM 1000 90MBPS                 | 697                      | \$9,301.29  | \$9,301.29                               | \$5,886.89                                | 1.58   | N/A                            | N/A                              | N/A  |
| PER DS3 MULDEM                       | 697                      | \$162.96    | \$162.96                                 | \$103.14                                  | 1.58   | N/A                            | N/A                              | N/A  |
| PER DS1 MULDEM                       | 711                      | \$1,653.82  | \$2,722.83                               | \$1,723.31                                | 1.58   | N/A                            | N/A                              | N/A  |
| PER DDM 1000 180MBPS                 | 697                      | \$11,995.98 | \$11,995.98                              | \$7,592.39                                | 1.58   | N/A                            | N/A                              | N/A  |
| PER DS3 MULDEM                       | 697                      | \$162.96    | \$162.96                                 | \$103.14                                  | 1.58   | N/A                            | N/A                              | N/A  |
| PER DS1 MULDEM                       | 711                      | \$1,653.82  | \$2,722.83                               | \$1,723.31                                | 1.58   | N/A                            | N/A                              | N/A  |
| OLTM CHANNEL PLUG-INS DS3U1 CKT PACK | 697                      | \$1,797.55  | \$1,797.55                               | \$1,137.69                                | 1.58   | N/A                            | N/A                              | N/A  |
| OLTM CHANNEL PLUG-INS DS3U2 CKT PACK | 697                      | \$1,797.55  | \$1,797.55                               | \$1,137.69                                | 1.58   | N/A                            | N/A                              | N/A  |